

SUBROUTINE TPART

Description

This routine reads instantaneous temperature data, calls subroutine TESTI and estimates 6-hour means at the maximum/minimum only stations from the 6-hour means at the instantaneous stations for a partial day.

Calling Sequence

CALL TPART (IARY,MIARY,NTOTM,NMMMT,IMONTH,IDAY,IYEAR,MSNG,NSTA,IORD)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
IARY	I	I*2	MIARY	The IARY array
MIARY	I	I*4	1	Maximum length of the IARY array
NTOTM	I	I*4	1	Total number of temperature stations with positions in the maximum/minimum pointer and data arrays (may include deleted stations)
NMMMT	I	I*4	1	Number of available spaces to store the monthly means
IMONTH	I	I*4	1	Month being processed
IDAY	I	I*4	1	Day being processed
IYEAR	I	I*4	1	Year being processed
MSNG	I	I*2	1	Value used to indicate missing data
NSTA	I	I*4	1	Number of stations in the temperature station order list
IORD	I	I*2	NSTA	Temperature station order list